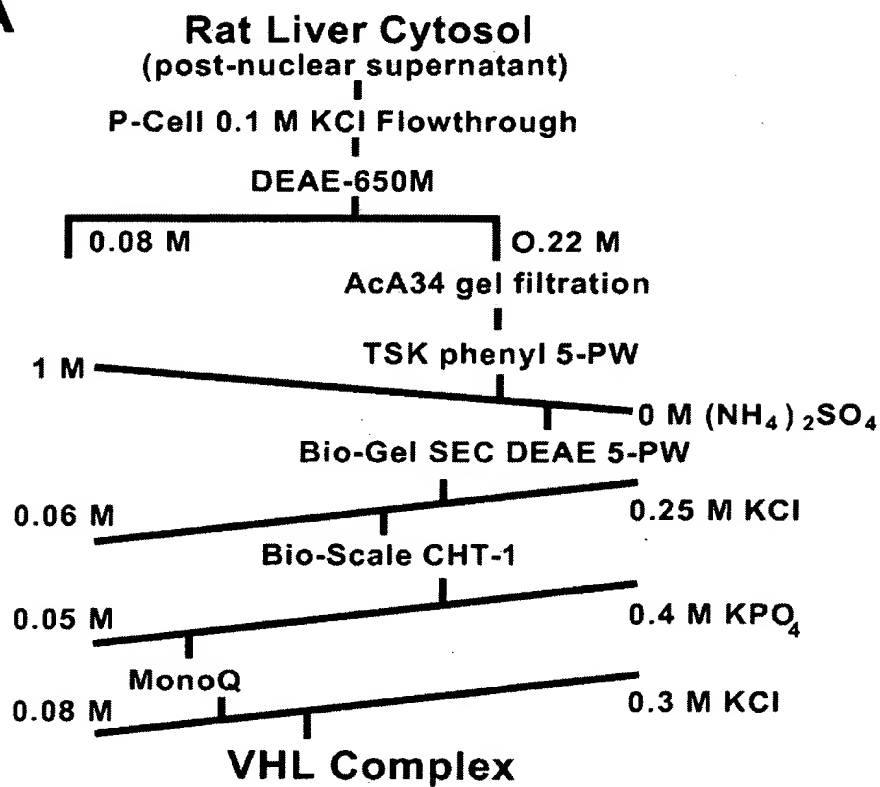
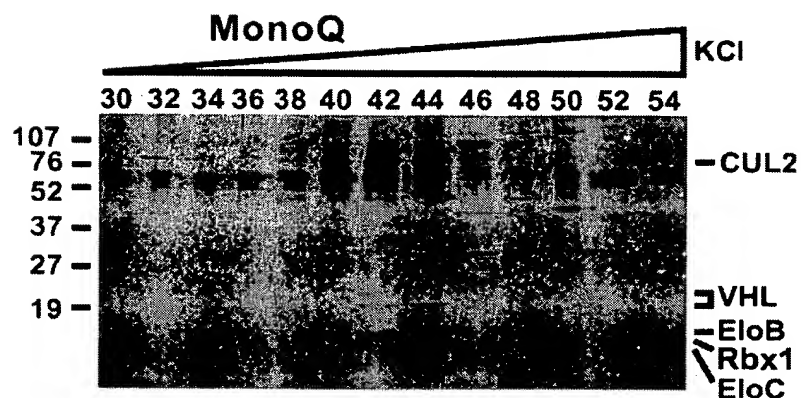




A



B



C

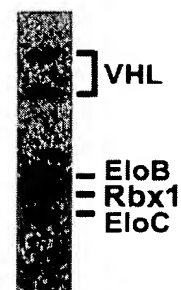


FIG. 1

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2/5

	1	10	20	30	40	50																																			
HUMAN	MAAMD	VDTP	SGTNSGAG	KKRFEV	KKWN	AV	AL	AW	DI	...	VVDN	CA	IC	RN	HI	MD																								
MOUSE	MAAMD	VDTP	.....	SGTNSGAG	KKRFEV	KKWN	AV	AL	AW	DI	...	VVDN	CA	IC	RN	HI	MD																							
DROS	MEVDE	DGYEV	.....	PSSSSKGD	KKRFEV	KKWN	AV	AL	AW	DI	...	VVDN	CA	IC	RN	HI	MD																							
ELEGANS	MAQAS	DSTAMEV	.....	EEATNQTV	KKRFEV	KKWN	AV	AL	AW	DI	...	VVDN	CA	IC	RN	HI	MD																							
YEAST	MSNEVD	DRMDVDEDE	SDNIAQSSNQ	SAPVET	TKKREE	IKKWT	AV	AL	AW	DI	...	VVDN	CA	IC	RN	HI	MD																								
APC11	M	.....	.....	.....	.....	.....	KVKINEV	HSV	FA	SW	HI	18	DEDV	CG	IC	R	ASYNG																			
HUMAN	LCIEC	QANQ	ASATSE	EECTV	AWGV	CN	HA	FH	FC	IS	RW	IK	...	TRQV	CP	LDN	RE	WE	FQ	KY	GH																				
MOUSE	LCIEC	QANQ	ASATSE	EECTV	AWGV	CN	HA	FH	FC	IS	RW	IK	...	TRQV	CP	LDN	RE	WE	FQ	KY	GH																				
DROS	LCIEC	QANQ	ASATSE	EECTV	AWGV	CN	HA	FH	FC	IS	RW	IK	...	TRQV	CP	LDN	RE	WE	FQ	KY	GH																				
ELEGANS	LCIEC	QANQ	ASATSE	EECTV	AWGV	CN	HA	FH	FC	IS	RW	IK	...	TRQV	CP	LDN	RE	WE	FQ	KY	GH																				
YEAST	PCIEC	QPKAM	TDTDNEC	VAAWGV	CN	HA	FH	LC	IN	KW	IK	...	TRDA	CP	LDN	Q	FW	QL	AR	CG	R																				
APC11	TCPS	CKFP	G.....	DQC	PLV	IG	LC	H	N	F	HD	HC	I	Y	R	W	LD	T	P	T	S	K	G	L	C	F	M	C	R	Q	T	F	Q	L	Q	R	G	L	A	..	60aa



FIG. 2

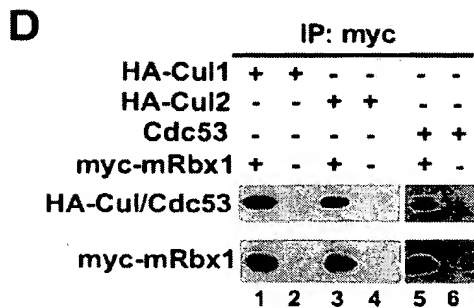
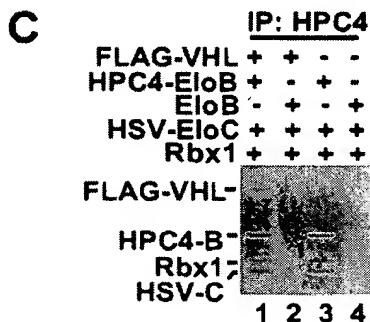
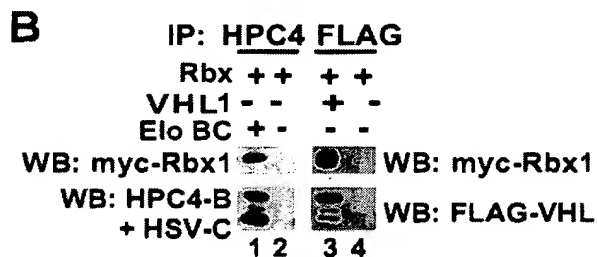
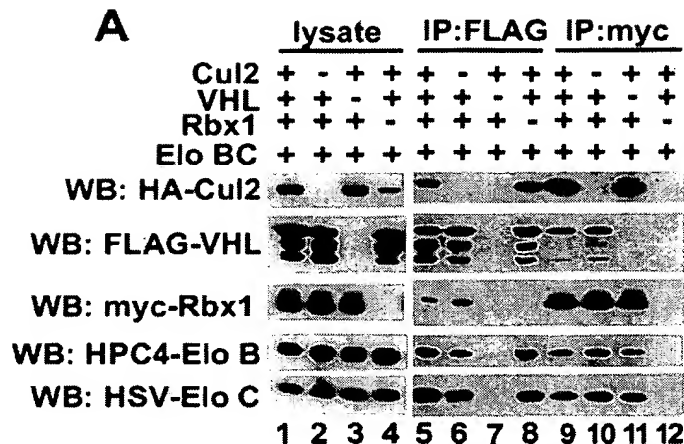


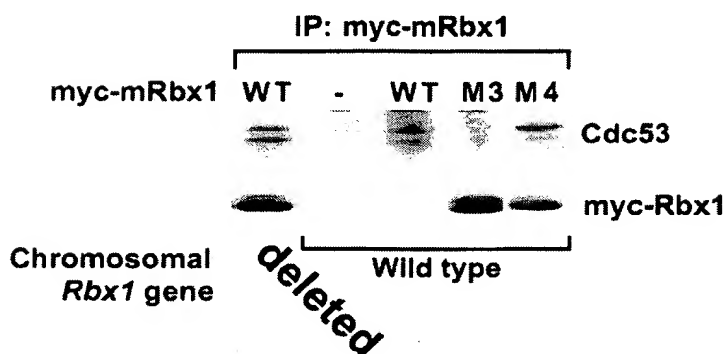
FIG. 3



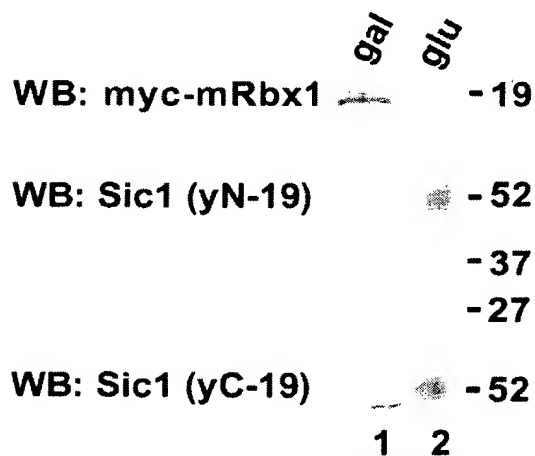
4/5

A

rbx1 Δ inviable
rbx1 Δ / pGAL-mRbx1 (WT) viable
rbx1 Δ / pGAL-mrbx1 (M3) inviable
rbx1 Δ / pGAL-mrbx1 (M4) viable



B



C

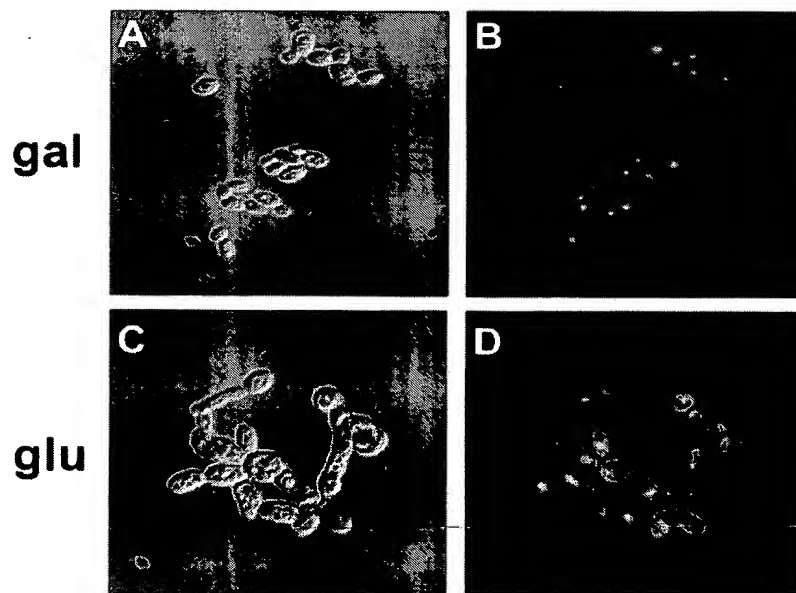


FIG. 4

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5/5

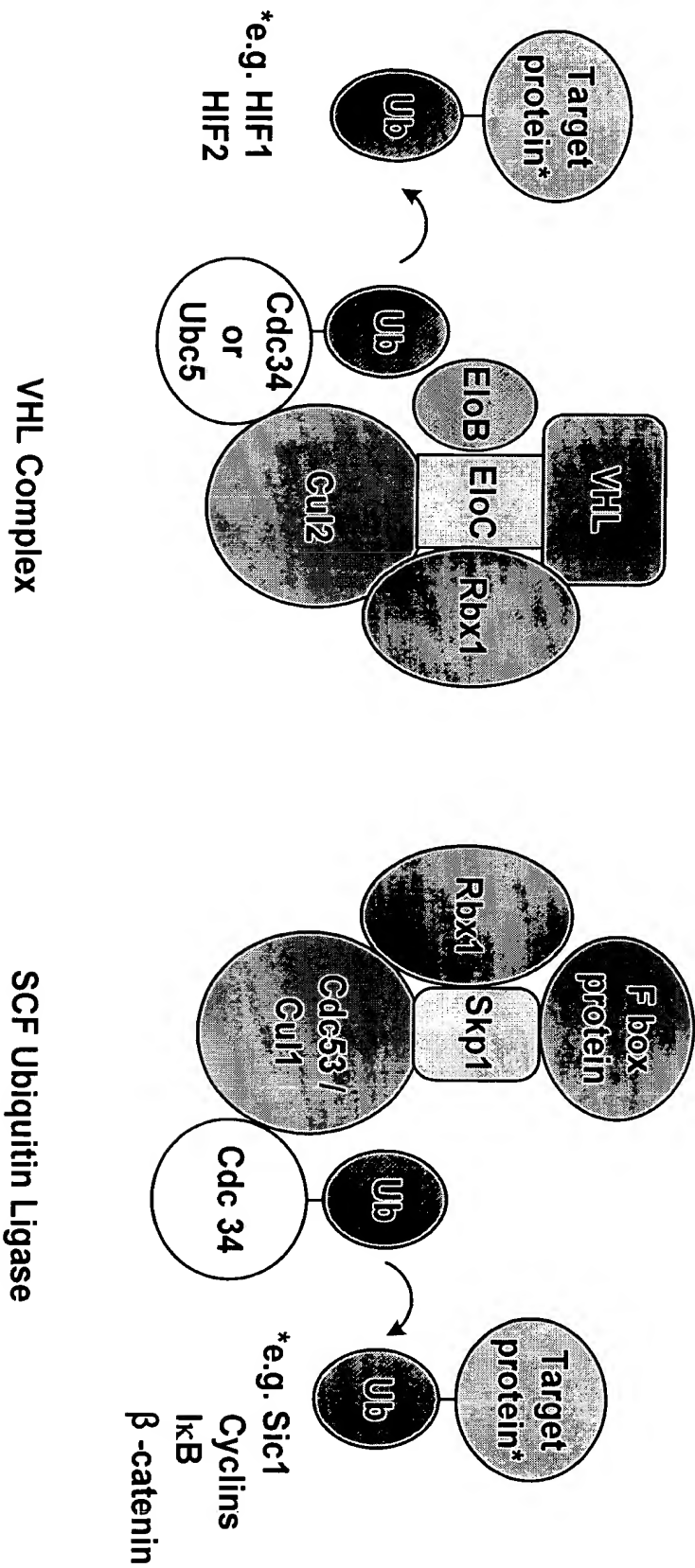


FIG. 5

